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| APPLICATION NO.   | FILING DATE | FIRST NAMED INVENTOR     | ATTORNEY DOCKET NO.             | CONFIRMATION NO. |
|---|-------------|--------------------------|---------------------------------|------------------|
| 10/608,682  | 06/30/2003  | Anthony E. B. Goodfellow | PDC-101                         | 8290             |
| 21272   | 7590        | 11/29/2005               |                                 |                  |
| MORLAND C FISCHER<br>2030 MAIN ST<br>SUITE 1050<br>IRVINE, CA 92614 |             |                          |                                 |                  |
|   |             |                          | EXAMINER<br>SHIN, CHRISTOPHER B |                  |
|   |             |                          | ART UNIT<br>2182                | PAPER NUMBER     |

DATE MAILED: 11/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/608,682

Applicant(s)

GOODFELLOW, ANTHONY E. B.

Examiner

Christopher B. Shin

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 4-27-2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### ***Claim Rejections - 35 USC § 102***

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless —

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1 is rejected under 35 U.S.C. 102(e) as being anticipated by Kotani (US 2002/0078038 A1).

- a. Kotani teaches all of the limitations of the claim 1 as follows:

Claim 1 US 2002/0078038 A1

- A system to display digital images, said system comprising
  - Feature of figure 1 with (103)
- a digital display adapted to display photographic images,
  - Feature of [0024]
- at least one USB image source coupled to said digital display so that the
  - Feature of [0024], lines 6-7
- photographic images are downloaded from said USB image source to said digital display, and
  - Feature of [0024]
- a USB interface by which said USB source is coupled to said digital display.
  - Feature of [0024], lines 6-7

- b. Since the Kotani reference teaches all of the claimed limitations, the claimed invention would have been anticipated by the teachings of the Kotani reference.

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2. Claims 1 & 3-16 are rejected under 35 U.S.C. 102(e) as being anticipated by Nagaoka (US 2003/0117521 A1).

c. Examiner kindly asks the applicant carefully considers the entire teachings of Nagaoka as a whole, since the examiner relies on the entire teachings of the Nagaoka.

d. Nagaoka teaches all of the limitations of claims 1 & 3-16 as follows:

Claims 1, 3-16                      US 2003/0117521 A1

- A system to display digital images, said system comprising
  - Feature of figure 1
- a digital display adapted to display photographic images,
  - feature of (38, 39, 40) with (11)
- at least one USB image source coupled to said digital display so that the
  - feature of (14) connected to (11)
- photographic images are downloaded from said USB image source to said digital display, and
  - feature of (14) downloads to (38, 39, 40) via (11)
- a USB interface by which said USB source is coupled to said digital display.
- (2)- a picture frame to surround said digital display.
  - feature of (30, 44)
- (3)- a USB cable by which to connect said at least one USB image source to said digital display.
  - Obvious feature of (11) having cables connected to (30) and (44)
- (4)-at least one USB image source is a personal computer.
  - Feature of (38) & (39)
- (5)-at least one USB image source is a USB mass storage digital camera.
  - Feature of (14)
- (6)-at least one USB image source is a USB mass storage memory card reader.
  - Feature of 53)
- (7)-USB interface is a USB host.
  - Feature of (38, 39)

e. Since the Nagaoka teaches all of the limitations of claims 1 & 3-16, the, claimed invention would have been anticipated by the teachings of the Nagaoka reference.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 2-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kotani in view of Nagaoka.

f. As per claim 2, the limitations regarding having a picture frame to surround said display is nothing more than well known decoration that are commonly practiced in the art of picture display. This can be easily found as a design choice matter to one skill in the art. The examiner takes official notice on such well known design matter.

g. As for the claims 3-16, the main difference between the claimed invention and the teachings of the Kotani reference is that the Kotani reference does not expressly disclose multiple USB connections; however, such limitation is one of the well known limitations that are commonly available to a designer of one having ordinary skill in the art. One skill in the art can easily motivated for the benefit of simple- connection for the users such as the USB where the speed is not the biggest issue; as evidence, the Nagaoka teaches such limitation of having more than one USB connections in the image display system. In addition, the Kotani also motivates to have plural devices, e.g., see [0064], connected to the system; therefore, it would have been obvious at the time the invention was

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made to one having skilled in the art to add more than one USB connections between the system, for the reasons stated above. The following further shows the teachings of Kotani of the claimed limitations:

Claims 1, 3-12, 13-16 US 2002/0078038 A1

- A system to display digital images, said system comprising
  - Feature of figure 1 with (103)
- a digital display adapted to display photographic images,
  - feature of [0024]
- at least one USB image source coupled to said digital display so that the
  - feature of [0024], lines 6-7
- photographic images are downloaded from said USB image source to said digital display, and
  - feature of [0024]
- a USB interface by which said USB source is coupled to said digital display.
  - Feature of [0024], lines 6-7
- (2)- a picture frame to surround said digital display.
  - feature of [0024]
- (3)- a USB cable by which to connect said at least one USB image source to said digital display.
  - Obvious feature of [0024], lines 6-7
- (4)-at least one USB image source is a personal computer.
  - Feature of [0024][0027][0064]
- (5)-at least one USB image source is a USB mass storage digital camera.
  - Feature of [0024]
- (6)-at least one USB image source is a USB mass storage memory card reader.
  - Feature of [0024]
- (7)-USB interface is a USB host.
  - Feature of [0064].

5. Claim 2 is rejected under 35 U.S.C. 103(a) as being unpatentable over Nagaoka (US 2003/01157521 A1).

h. As per claim 2, the limitations regarding having a picture frame to surround said display is nothing more than well known decoration that are commonly practiced in the art of picture display. This can be easily found as a

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design choice matter to one skill in the art. The examiner takes official notice on such well known design matter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher B. Shin whose telephone number is 571-272-4159. The examiner can normally be reached on 6:30-5:00 M,Tu,Th,F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, KIM HUYNH can be reached on 571-272-4147. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Christopher Shin  
Primary Examiner  
Of 2182



November 15, 2005  
cbs